

AMENDMENTS TO THE CLAIMS

Claims 1-60 (Cancelled)

Claim 61 (Currently Amended) A recording apparatus for recording an encrypted content onto a recording medium storing first media key data and a first encrypted content, the first media key data including a plurality of first encrypted media keys each generated by encrypting one first media key using a corresponding device key of a plurality of first device keys, the first encrypted content being generated by encrypting a content using a first media key, the recording apparatus comprising:

a device key storing unit storing a device key assigned to the recording apparatus;

a storing unit storing second media key data including a plurality of second encrypted media keys each generated by encrypting one second media key using a corresponding device key of a plurality of second device keys;

a comparing unit operable to compare the first media key data stored in the recording medium with the second media key data stored in the storing unit, so as to judge which of the first media key data and the second media key data is newer;

a content decrypting unit operable to, when the comparing unit judges that the second media key data is newer than the first media key data and when the first encrypted content has been stored in the recording medium, obtain the one first media key from the first media key data using a corresponding device key of the plurality of first device keys, and decrypt the first encrypted content stored in the recording medium using the obtained one first media key, so as to generate a content;

a content encrypting unit operable to, when the comparing unit judges that the second media key data is newer than the first media key data, and continuously after the content

decrypting unit generates the content, obtain the one second media key from the second media key data using a corresponding device key of the plurality of second device keys, and encrypt the content generated by the content decrypting unit using the obtained one second media key, so as to generate a second encrypted content; and

a deleting and writing unit operable to delete the first media key data and the first encrypted content from the recording medium, and write the second media key data and the second encrypted content generated by the content encrypting unit to the recording medium,

wherein one media key data is stored in the recording medium and two or more pieces of media key data are not stored in the recording medium.

Claim 62 (Previously Presented) The recording apparatus of Claim 61, wherein

the first encrypted content includes a first encrypted content key and encrypted content data, the first encrypted content key being generated by encrypting a content key using the one first media key, and the encrypted content data being generated by encrypting content data using the content key, and

the second encrypted content includes a second encrypted content key and the encrypted content data, and the second encrypted content key being generated by encrypting the content key using the one second media key.

Claim 63 (Previously Presented) The recording apparatus of Claim 61, wherein

the content decrypting unit obtains one encrypted media key corresponding to the recording apparatus from the plurality of first encrypted media keys included in the first media key data, and decrypts the one encrypted media key obtained by the content decrypting unit using the corresponding device key to generate the one first media key, and

the content encrypting unit obtains one encrypted media key corresponding to the recording apparatus from the plurality of second encrypted media keys included in the second media key data, and decrypts the one encrypted media key obtained by the content encrypting unit using the corresponding device key to generate the one second media key.

Claim 64 (Previously Presented) The recording apparatus of Claim 61, wherein

the first media key data includes first version information indicating a generation of the first media key data, and the second media key data includes second version information indicating a generation of the second media key data, and

the comparing unit judges which of the first media key data and the second media key data is newer by comparing the first version information with the second version information.

Claim 65 (Previously Presented) The recording apparatus of Claim 61, wherein

the first media key data includes first time information indicating a time at which the first media key data is generated, and the second media key data includes second time information indicating a time at which the second media key data is generated, and

the comparing unit judges which of the first media key data and the second media key data is newer by comparing the first time information with the second time information.

Claim 66 (Currently Amended) A recording method used by a recording apparatus for recording an encrypted content onto a recording medium storing first media key data and a first encrypted content, the first media key data including a plurality of first encrypted media keys each generated by encrypting one first media key using a corresponding device key of a plurality of first device keys, the first encrypted content being generated by encrypting a content using a

first media key, the recording apparatus including a device key storing unit storing a device key assigned to the recording apparatus and a storing unit storing second media key data including a plurality of second encrypted media keys each generated by encrypting one second media key using a corresponding device key of a plurality of second device keys, the recording method comprising:

a comparing step of comparing the first media key data stored in the recording medium with the second media key data stored in the storing unit, so as to judge which of the first media key data and the second media key data is newer;

a content decrypting step of, when the comparing step judges that the second media key data is newer than the first media key data and when the first encrypted content has been stored in the recording medium, obtaining the one first media key from the first media key data using a corresponding device key of the plurality of first device keys, and decrypting the first encrypted content stored in the recording medium using the obtained one first media key, so as to generate a content;

a content encrypting step of, when the comparing step judges that the second media key data is newer than the first media key data, and continuously after the content decrypting step generates the content, obtaining the one second media key from the second media key data using a corresponding device key of the plurality of second device keys, and encrypting the content generated by the content decrypting step using the obtained one second media key, so as to generate a second encrypted content; and

a deleting and writing step of deleting the first media key data and the first encrypted content from the recording medium, and writing the second media key data and the second encrypted content generated by the content encrypting step to the recording medium,

wherein one media key data is stored in the recording medium and two or more pieces of media key data are not stored in the recording medium.

Claim 67 (Currently Amended) A non-transitory computer-readable recording medium having recorded thereon a computer program used by a recording apparatus, the recording medium storing first media key data and a first encrypted content, the first media key data including a plurality of first encrypted media keys each generated by encrypting one first media key using a corresponding device key of a plurality of first device keys, the first encrypted content being generated by encrypting a content using a first media key, the recording apparatus including a device key storing unit storing a device key assigned to the recording apparatus and a storing unit storing second media key data including a plurality of second encrypted media keys each generated by encrypting one second media key using a corresponding device key of a plurality of second device keys, and the computer program causing the recording apparatus, as a computer, to execute a method comprising:

a comparing step of comparing the first media key data stored in the recording medium with the second media key data stored in the storing unit, so as to judge which of the first media key data and the second media key data is newer;

a content decrypting step of, when the comparing step judges that the second media key data is newer than the first media key data and when the first encrypted content has been stored in the recording medium, obtaining the one first media key from the first media key data using a corresponding device key of the plurality of first device keys, and decrypting the first encrypted content stored in the recording medium using the obtained one first media key, so as to generate a content;

a content encrypting step of, when the comparing step judges that the second media key data is newer than the first media key data, and continuously after the content decrypting step generates the content, obtaining the one second media key from the second media key data using a corresponding device key of the plurality of second device keys, and encrypting the content generated by the content decrypting step using the obtained one second media key, so as to generate a second encrypted content; and

a deleting and writing step of deleting the first media key data and the first encrypted content from the recording medium, and writing the second media key data and the second encrypted content generated by the content encrypting step to the recording medium,

wherein one media key data is stored in the recording medium and two or more pieces of media key data are not stored in the recording medium.